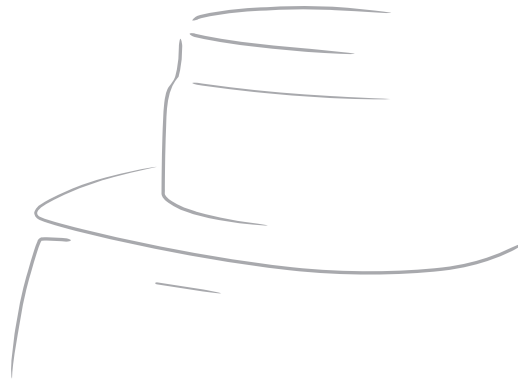


Programat®

A STORY OF SUCCESS

P700_{G2}



The new generation – For people
who love the unique things in life

Top quality ceramic furnace for the highest of demands

This new high-end ceramic furnace for the dental laboratory is focused on you, the user. Because in the development of this state-of-the-art appliance, the interaction between people, the environment and technology was central.

User friendly



The swivel operating unit features a large, clearly arranged, high-resolution, colour graphic display. The display can be operated by means of the proven membrane-sealed keypad or the touch screen function.

Perfectly coordinated

The firing programs are perfectly coordinated with the Ivoclar Vivadent ceramic materials and the furnace itself.



Putting people
at the centre





The various multimedia functions let you enter a whole new world in the field of ceramic firing. You can view images of patients and teeth directly on the P700 for example, while the integrated MP3 player plays your favourite music. Many other innovative features open up undreamed-of possibilities.

MP3 player



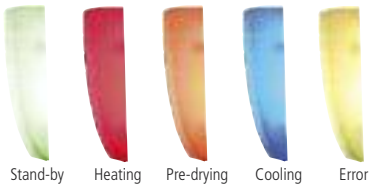
The P700 plays your favourite music. This will make working with the ceramic furnace even more fun. For this purpose, simply save the desired music as an MP3 file on a USB stick and insert it into the USB slot.

Card reader with image viewing software



The integrated card reader can be used to conveniently read electronic image data from the digital camera into the P700 furnace. The card reader is compatible with all popular card formats. The image viewing software allows you to show images on the display in different ways.

OSD operating status display



The Optical Status Display (OSD) of the P700 will inform you about the current operating status of the furnace by means of different colours. Even from a large distance, you will always be up-to-date about the current process. The brightness of the display can be individually set in advance.

Offering multimedia functions





As far as firing technology is concerned, the name Programat stands for superior quality and many years of successful use. The QTK muffle technology offers homogenous heat emission and thus optimum firing results.

The intelligent electronics behind the TSP and CSP functions ensure ongoing process control in the background and assist in delivering impressive firing results even under difficult conditions. This technology gives you the reliability you need and lets you sit back and relax.

Exact temperature



Automatic double-range temperature calibration (ATK): The ATK2 set enables fully automatic and exact temperature calibration (2 temperature ranges) and ensures exacting firing results.

Enhanced process control



without TSP



with TSP

The TSP function (Thermo Shock Protection) protects the ceramic against thermal shock if the furnace head is closed when it is too hot.



with CSP

The CSP function (Cooling Shock Protection) protects the ceramic against thermal shock while the furnace head opens after firing. The special opening process controlled by the CSP function ensures ideal cooling of the fired object, so that stresses in the ceramic are avoided.

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Economical.
Efficient.
Future-oriented.



Stand-by key saves power

Efficient use of energy and responsible use of valuable resources: Ivoclar Vivadent is committed to this goal. Therefore, the Programat P700 is equipped with the new Power Saving Technology. In the stand-by mode, for example, the power consumption of the furnace drops by almost 40 percent. As a result, you save on electricity costs and help to protect our environment at the same time. Look out for the Power Saving Technology label on the back of your device.

Saving electricity is easy

Simply press the Power Saving key: If the furnace is not being used, briefly press the Power Saving key to activate the power-saving mode.

Double-valve technology: Innovative vacuum control reduces power consumption by up to 80 watt.

Homogenous heat distribution due to high-performance QTK muffle technology



The QTK muffle technology offers even more homogenous distribution of heat within the firing chamber and leads to optimum firing results.

The high-performance heating element enables temperature increases of up to 140 °C/min and thus saves time. The quick heating process makes the furnace particularly economical.

Additional features

- Compact, ergonomic and exceptional design
- Ease of maintenance
- Adjustable holder for firing tongs
- Powerful heating (up to 140 °C t/min)
- Cost-effective operation due to long service life of the muffle
- Three special colours available
- Fast restart due to quick cooling of the furnace head
- Low-noise vacuum pump control
- Ethernet connection for equipment network
- Detailed error message display
- Various diagnostic programs to check function
- Dehumidification and maintenance program for heating muffle
- Voice output in 12 languages
- Clear program structure with simple symbols



Ensuring relaxed
working conditions



Programat®

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P700_{G2}

Technical data

Power supply	110–120 V, 50-60 Hz 200–240 V, 50-60 Hz admissible voltage fluctuations $\pm 10\%$
Max. power consumption	12 A bei 110–120 V 8.5 A bei 200–240 V
Vacuum pump data	Max. power consumption: 2.1 A Final vacuum: < 50 mbar (Only tested pumps should be used)
Display	Liquid crystal graphics display with touch screen and background lighting
Dimensions of fuses	110-120 V: 6.3 x 32 mm diameter 200-240 V: 5 x 20 mm diameter
Dimensions of closed furnace	Depth: 470 mm, Width: 305 mm/400 mm (with cooling tray), Height: 320 mm
Dimensions of firing chamber	Diameter: 80 mm, Height: 48 mm
Max. firing temperature	1200 °C
Weight	Base: 13.5 kg, Head: 4.5 kg
Safety information	The furnace is built according to the following standards: – IEC 1010-1 and EN 61010 – UL and cUL standards
Radio protection/Electromagnetic compatibility	EMV tested



VP3 easy



VP4



Delivery form

- 1 Programat P700/G2
- 1 Electrical cord
- 1 Vacuum hose
- 1 Cooling tray "L"
- 1 Programat firing tray kit
- 1 Automatic Temperature Checking Set
ATK2 (test sample)
- 1 USB download cable
- 1 USB stick Programat "Multimedia"
- 1 PrograBase 2 software
- 1 Equipment Service Passport
- 1 Set of Operating Instructions

Recommended accessories

- (not contained in the delivery form):
- VP3 easy or VP4 Vacuum Pump
 - Tongs
 - Automatic Temperature Checking Set 2
(ATK2)

Colour:

White (RAL 9016)

Special colours:

RAL 3014 RAL 5014 RAL 6027



Descriptions and data constitute no warranty of attributes
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This product forms part of our "All-Ceramics" and "Implant Esthetics" competence areas. All the products of these areas are optimally coordinated with each other.

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